

**PATENT NUMBER and  
ISSUE DATE**

**U.S. UTILITY Patent Application**

|   |                           |                                  |                  |  |                       |
|---|---------------------------|----------------------------------|------------------|--|-----------------------|
| APPL NUM<br>10042229  | FILING DATE<br>01/11/2002 | CLASS<br>514                     | SUBCLASS<br>1624 | GAU<br>1624  | EXAMINER<br>2/22/2002 |
| <b>**APPLICANTS:</b> Furuya Shuichi; Imaeda Toshihiro; Sasaki Satoshi;  |                           |                                  |                  |  |                       |
| <b>**CONTINUING DATA VERIFIED:</b><br>THIS APPLICATION IS A DIV OF 09/711,139 11/14/2000<br>WHICH IS A DIV OF 09/147,616 02/02/1999 PAT 6,194,419<br>WHICH IS A 371 OF PCT/JP98/05841 12/24/1998                          |                           |                                  |                  |  |                       |
| <b>** FOREIGN APPLICATIONS VERIFIED:</b><br>JAPAN 634022/1998 05/03/1998<br>JAPAN 358998/1997 12/26/1997  |                           |                                  |                  |  |                       |
| PG-PUB <input type="checkbox"/> DO NOT PUBLISH <input type="checkbox"/>   |                           | RESCIND <input type="checkbox"/> |                  | ATTORNEY DOCKET NO<br>087147-0468  |                       |
| Foreign priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no<br>35 USC 119 conditions met <input type="checkbox"/> yes <input type="checkbox"/> no<br>Verified and Acknowledged Examiners's initials |                           |                                  |                  | TITLE : Nitrogen-containing heterocyclic compounds, their production and use<br>U.S. DEPT. OF COMM./PAT. & TM.-PTO-438L (Rev. 12-94) |                       |

|   |           |  |                                 |                      |
|---|-----------|--|---------------------------------|----------------------|
| NOTICE OF ALLOWANCE MAILED                              |           | Assistant Examiner   | CLAIMS ALLOWED                  |                      |
|   |           |  | Total Claims                    | Print Claim for O.S. |
| ISSUE FEE   |           | Primary Examiner   | DRAWING                         |                      |
| Amount Due  | Date Paid |  | Sheets Draw.                    | Figs. Draw.          |
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b> |           | PREPARED FOR ISSUE   | Application Examiner            |                      |
|   |           | <b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368, Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |                                 |                      |
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